BRUHAT BENGALURU MAHANAGARA PALIKE, YELAHANKA DIVISION

Bruhat Bengaluru Mahanagara Palike

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

QUALITY CONTROL REPORTS

"FIRST & FINAL BILL"

Name of Work:-Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01						
Quality Control Abstract						
Job code 001-21-000017						
Bill Number: First & Final Bill						
Name of contractor: Sri Dhamodhara Raju						
Sl No.	Description of Materials	Test	No of Units Tested	No of samples conducted	Test result	Remarks
1	Cement	IS: 12269-1987	Per Batch	Per Batch	Satisfactory	-
2	Fine Aggregates	IS: 383-1970	Per Batch	Per Batch	Satisfactory	-
3	Course Aggregates	As per IS 383-1970 and IS 2386(Part I to IV)1963 Reaffirmed on 2002 , As per Morth	Per Batch	Per Batch	Satisfactory	-
4	Wet Mix Mecadam	As per Morth	Per Batch	Per Batch	Satisfactory	-
5	Kerb Stone	Compressive Strength (IS 15658-2006)	Per Batch	Per Batch	Satisfactory	-
6	Cobble Stones	IS-516-1959 Reaffirmed , Sp 24-1983	Per Batch	Per Batch	Satisfactory	-

SHRIVA CONSTRUCTION AND CONSULTANCY

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK/CEM

Date: 10/12/2021

1. Test report on Cement:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	160 Min	Shall Not be less than 30 Min
2.	Final Setting Time	270 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.96 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.13 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	28.56 N/Sqmm	Shall not be less than 27 N /Sq mm

A&E

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SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK/CEM

Date: 19/01/2022

1. Test report on Cement:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	168 Min	Shall Not be less than 30 Min
2.	Final Setting Time	275 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.98 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.15 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	29.56 N/Sqmm	Shall not be less than 27 N /Sq mm

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK/CEM

Date: 12/02/2022

1. Test report on Cement:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	155 Min	Shall Not be less than 30 Min
2.	Final Setting Time	273 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.95 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.10 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	28.50 N/Sqmm	Shall not be less than 27 N /Sq mm

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SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK/CEM

Date: 02/03/2022

1. **Test report on Cement:**

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

AE-1

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

A.E.E

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	175 Min	Shall Not be less than 30 Min
2.	Final Setting Time	270 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.97 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.13 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	29.55 N/Sqmm	Shall not be less than 27 N /Sq mm

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /Sand

Date: 10/12/2021

1. **Test report on Fine Aggregares:**

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

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SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.84%	NA
2.	Silt Content	-	.59%	Not more than 8%
3.	Specific Gravity	-	2.61	--

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SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /Sand

Date: 19/01/2022

1. **Test report on Fine Aggregares:**

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

AE-1

A.E.E

SIEVE ANALYSIS

Table 1.1

IS Sieve Size mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.89%	NA
2.	Silt Content	-	.62%	Not more than 8%
3.	Specific Gravity	-	2.69	--

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /Sand

Date: 02/03/2022

1. Test report on Fine Aggregares:

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

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Sl No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.55%	NA
2.	Silt Content	-	.65%	Not more than 8%
3.	Specific Gravity	-	2.59	--

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /Course Agg

Date: 10/12/2021

TEST REPORT ON COURSE AGGREGATES
(GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.
Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	97.15	95-100
26.50	---	-
22.40	79.25	60-80
11.20	53.40	40-60
4.75	36.15	25-40
2.36	24.60	15-30
0.600	19.35	8-22
0.075	3.85	0-5

AE-1

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SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 10/12/2021

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	27.86%	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	28.34%	Not more than 35.0 %
3.	Water absorption, %	0.42 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

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SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /Course Agg

Date: 19/01/2022

TEST REPORT ON COURSE AGGREGATES
(GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.
Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

TEST RESULTS

1. Gradation Test:

TABLE 1.1

AE-1
A.E.E

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	94.35	95-100
26.50	---	-
22.40	74.15	60-80
11.20	52.10	40-60
4.75	36.45	25-40
2.36	26.70	15-30
0.600	18.05	8-22
0.075	3.45	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

AEE

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 19/01/2022

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)–1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	27.54%	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	28.65 %	Not more than 35.0 %
3.	Water absorption, %	0.42 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

AE-I
A.E.E

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 12/02/2022

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	27.54%	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	28.65 %	Not more than 35.0 %
3.	Water absorption, %	0.42 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

AE-1

A.E.E

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /Course Agg

Date: 02/03/2022

TEST REPORT ON COURSE AGGREGATES
(GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.
Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	94.35	95-100
26.50	---	-
22.40	74.15	60-80
11.20	52.10	40-60
4.75	36.45	25-40
2.36	26.70	15-30
0.600	18.05	8-22
0.075	3.45	0-5

AE-1

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SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Date: 02/03/2022

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	27.60%	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	28.60 %	Not more than 35.0 %
3.	Water absorption, %	0.40%	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

AE-1

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SHRIYA CONSTRUCTION AND CONSULTANCY

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SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)–1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.80%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.35%**	Not more than 35.0 %
3.	Water absorption, %	**0.43 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

AE-1

A.E.E

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)–1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.50%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.60 %**	Not more than 35.0 %
3.	Water absorption, %	**0.41 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

AE-1

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SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /WMM Grad **Date: 12-02-2022**

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	98.40	95-100
26.50	---	-
22.40	71.15	60-80
11.20	53.25	40-60
4.75	32.65	25-40
2.36	24.95	15-30
0.600	18.30	8-22
0.075	4.15	0-5

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SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)–1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.63%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.34 %**	Not more than 35.0 %
3.	Water absorption, %	**0.41%**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

AE-1

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SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /WMM Grad **Date: 12-02-2022**

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	95.45	95-100
26.50	---	-
22.40	70.15	60-80
11.20	54.25	40-60
4.75	35.90	25-40
2.36	23.05	15-30
0.600	17.25	8-22
0.075	3.50	0-5

AE-1
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SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)–1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	27.13%	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	28.98 %	Not more than 35.0 %
3.	Water absorption, %	0.43 %	Not more than 2.0 %
4.	Plasticity Index, %	NP	Not more than 6.0 %

AE-1

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SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /Pavers

Date: 19/01/2022

Kerb Stone (Core Cutting Method) Test Report

Sub: Testing of concrete Paver – Compressive Strength Pertaining to IS 15658-2006 (Reaffirmed 2017)

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

AE-1

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

Technical Ref:. IS 15658-2006(Reaffirmed 2017)

A.E.E

Table 1.1 Samples 3 Nos Each Location: Cycle track

SL No	Shapes Of Pavers	Nominal C/S area (Sqmm)	Thickness (mm)	Compressive Strength	Result	Remarks
1	200*200mm	40000	62	58.5	Satisfactory	
			61	60.7	Satisfactory	
			61	60.6	Satisfactory	
2	200*200mm	40000	60	60.1	Satisfactory	
			60	60.1	Satisfactory	
			61	62.0	Satisfactory	
3	I Section		60	71.3	Satisfactory	
			60	70.0	Satisfactory	
			61	69.8	Satisfactory	
4	I section		59	62.6	Satisfactory	
			60	65.1	Satisfactory	
			60	63.0	Satisfactory	

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MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /Pavers

Date: 12/02/2022

Kerb Stone (Core Cutting Method) Test Report

Sub: Testing of concrete Paver – Compressive Strength Pertaining to IS 15658-2006 (Reaffirmed 2017)

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

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Technical Ref:. IS 15658-2006(Reaffirmed 2017)

Table 1.1 Samples 3 Nos Each Location: Road Side Walkway

SL No	Shapes Of Pavers	Nominal C/S area (Sqmm)	Thickness (mm)	Compressive Strength	Result	Remarks
1	200*200mm	40000	60	60.2	Satisfactory	
			60	67.2	Satisfactory	
			61	60.6	Satisfactory	
2	200*200mm	40000	60	62.5	Satisfactory	
			60	60.8	Satisfactory	
			61	63.0	Satisfactory	
3	I section		60	65.2	Satisfactory	
			60	66.2	Satisfactory	
			61	70.1	Satisfactory	
4	I Section		59	63.2	Satisfactory	
			59	64.1	Satisfactory	
			60	62.0	Satisfactory	

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /KERB

Date: 19/01/2022

Kerb Stone (Core Cutting Method) Test Report

Sub: Testing of concrete Kerb Stones (Core Cutting Method) – Compressive Strength)

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: M15

Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 50 mm =D

SL No	Height of core (H)mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength - N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavent Cube Compressive Strength
1.	78	.354	2311.4	1.56	.960	26.3	13.39	14.47	13.39	17.36
2.	80	.368	2342.7	1.60	.960	26.3	13.39	14.47	13.39	17.36
3.	82	.382	2372.5	1.64	.960	25.10	12.78	13.81	13.25	16.57

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#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: YEL- D/PMC/GKVK PARK /KERB

Date: 12/02/2022

KerbStone (Core Cutting Method) Test Report

Sub: Testing of concrete Kerb Stones (Core Cutting Method) – Compressive Strength)

Name of Work:- Comprehensive Developmental of Parks at GKVK Layout in Kempegowda Ward no 01.

Ref: Material Testing/PMC/21-22.

Report submitted to: Assistant Executive Engineer, Yelahanka Division, BBMP Bangalore.

Name of Agency/ contractor: Sri Sri Dhamodhara Raju

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

AE1

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CORE SPECIMENS

Grade Of concrete: **M15**

Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 50 mm =D

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1.	78	.356	2301.4	1.56	.960	25.6	13.39	14.47	13.39	17.01
2.	80	.364	2332.7	1.60	.960	22.95	13.39	14.47	13.39	17.25
3.	82	.380	2352.5	1.64	.960	23.30	12.78	13.81	13.25	17.05

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